GOVERNMENT OF INDIA
STEEL
LOK SABHA

UNSTARRED QUESTION NO:2168
ANSWERED ON:02.12.2002
STEEL PLANTS
BASUDEB ACHARIA

Will the Minister of STEEL be pleased to state:

(a) the details of manpower, production, profit or loss of all steel plants in Public and Private sectors during each of the last three years, plant-wise;

(b) the cost of production of steel in each plant during the said period and contribution of raw material, energy, depriciation, interest, wage as its percentage;

(c) the details of productivity, energy consumption, coke rate in each plant during the said period;

(d) the comparative figures, percent-wise in the countries like UK, USA, Germany, Russia, Japan and China regarding production, cost of production, productivity, energy consumption and coke rate;

(e) whether there is a steady improvement in technical performance of steel plants in India in the last decade with steady deterioration of financial performance; and

(f) if so, the reasons therefor?

Answer

MINISTER OF STATE IN THE MINISTRY OF STEEL (SHRI BRAJA KISHORE TRIPATHY)

(a) Details of manpower, production, profit/loss of steel plants of the primary producers during the last three years are given in Annexure.I.

(b) The cost of production is classified information and its disclosure is not in the commercial interest of the organisations concerned.

(c) Details of Blast Furnace productivity, energy consumption and coke rate in respect of individual steel plants in the public sector during the last three years are given in Annexure.II.

(d) Information relating to manpower, financial performance, cost of production, technology parameters etc. of the individual private sector steel plants are not monitored by the Government. However, operating parameters of EAF based steel plants in India and abroad are as under:

Country	Furnace Size, tonnes	Tap to Tap time, minutes	Power Consumption, kwh/tonne billet	Electrode consumption, kg/tonne billet
Japan	80	71	378	
Germany	60	60	410	2.2
USA	160	80	430	2.4
India(old plant)	20-25	180	700-750	3.5-4.5
India(new plant)	50-55	95-120	600-700	2.5-3.5

(e)&(f): There has been an improving trend, by and large in blast furnace productivity, energy consumption and coke rate during the last decade. Profitability in the steel sector has registered a general decline in recent years as a result of slow down in the economy resulting in stagnation in steel consumption.

ANNEXURE-I

Unit	1999-2000		2000-01		2001-02	
	Man-power (`000T)	Produ-ction (Rs.Crs)	Profit(+) /Loss(-)	Man-power (`000T)	Produ-ction (Rs.Crs)	Profit(+) /Loss(-)	Man-power (`000T)	Produ-ction (Rs.Crs)	Profit(+) /Loss(-)
Bhilai Steel Plant	44730	3410.6	92	44060	3307.2	342	42158	3382.8	477
Durgapur Steel Plant	21039	1402.0	-651	20633	1495.8	-236	19641	1527.1	-262
Rourkela Steel Plant	28301	1170.3	-704	27651	1294.4	-445	26052	1353.7	-1036
Bokaro Steel Plant	43401	3246.2	120	42597	3312.7	49	40025	3200.1	-459
Alloy Steels Plant	3846	83.2	-260	3793	78.6	-184	3340	84.4	-149
Salem Steel Plant	1550	148.4	-142	1538	129.3	-155	1466	62.5	-153
Visvesvaraya Iron & Steel Plant	4679	69.1	-91	4399	85.0	-68	3325	86.7	-103
Raw Materials Division	7014	9529.9	-84	6490	9703.0	-32	6172	9697.3	-22
Central Coal Supply Organisation	@ 250	-1720	224	277	-729	217	302	-1707	
Central Marketing Organisation	3172		-210	3131		-187	3032		-180
Research & Development Centre for I&S	865			856			827		
Centre for Engineering & Technology	390			383			370		
Management Training Institute	116			112			111		
Corporate Office	737			754			769		
Growth Division - KOL	36			35			33		
Environment Management Division	48			47			47		
Safety	16			16			16		
SAIL	159940			156719			147601		
IISCO	24724			23670			22767		

There are large number of steel plants in the private sector in large, medium and small sectors. The production of private sector steel plants during the last three years is as under:

(in million tonnes)

1999-2000	2000-2001	2001-2002
12.802	13.273	13.982

ANNEXURE-II

Productivity Trend Crude Steel/tonne/man/year

Plants	1999-2000	2000-01	2001-02
Bhilai Steel Plant	121	129	137
Durgapur Steel Plant	88	100	108
Rourkela Steel Plant	55	60	67
Bokaro Steel Plant	105	115	116
SAIL	96	105	111
IISCO	33	37	39

Energy Consumption (Gcal/tcs)

Plants	1999-2000	2000-01	2001-02
Bhilai Steel Plant	7.16	7.25	7.07
Durgapur Steel Plant	7.48	7.43	7.25
Rourkela Steel Plant	10.26	9.97	9.34
Bokaro Steel Plant	8.24	8.09	7.96
SAIL 4 PL	7.96	7.90	7.69
IISCO	10.46	9.67	9.37

Coke Rate
Kg/thm

Plants	1999-2000	2000-01	2001-02
Bhilai Steel Plant	534	544	524
Durgapur Steel Plant	587	586	580
Rourkela Steel Plant	668	656	647
Bokaro Steel Plant	548	552	549
SAIL 4 PL	564	568	557
IISCO	752	760	784